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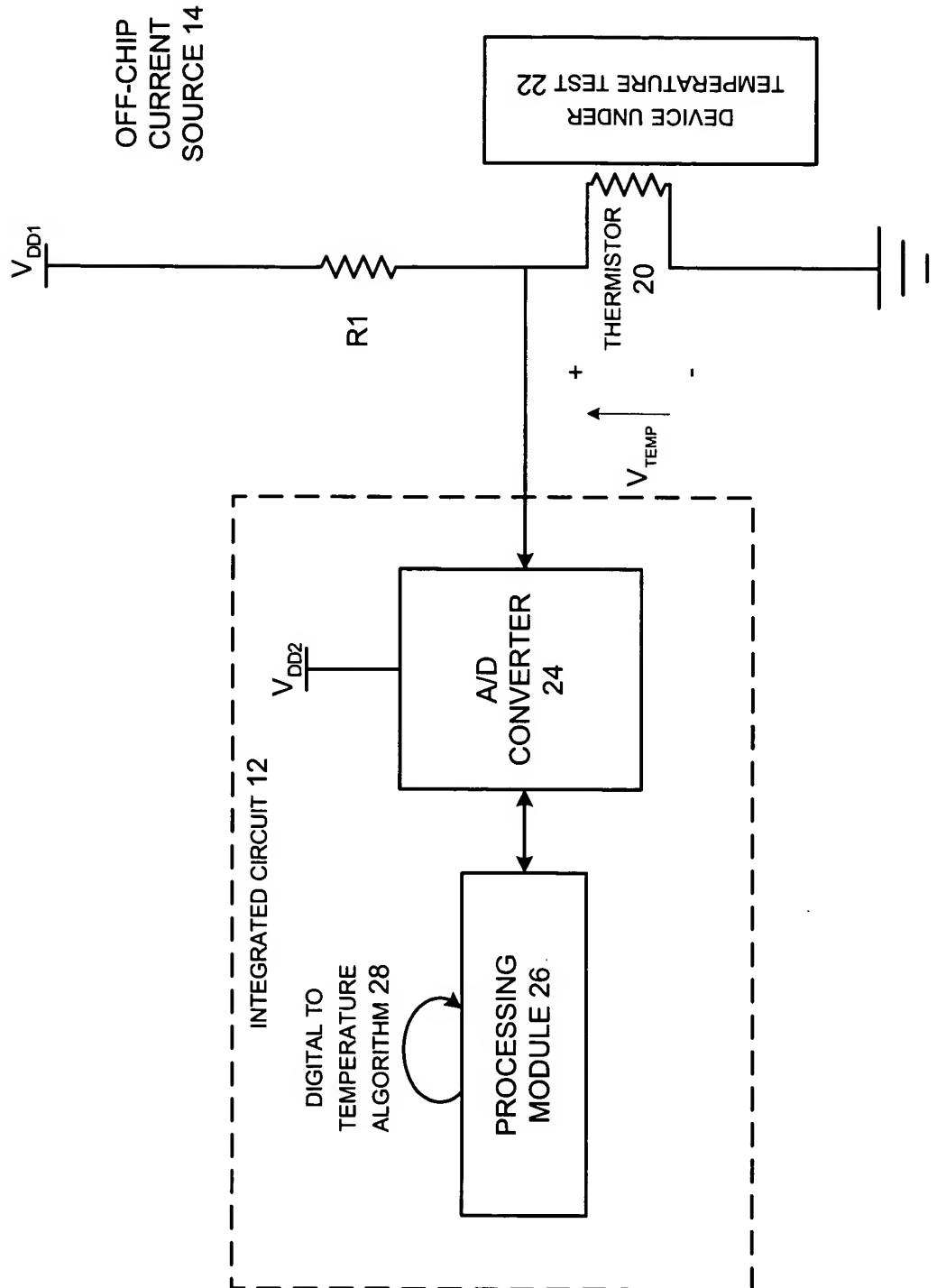


FIG. 1 DIGITAL THERMOMETER CIRCUIT 10
PRIOR ART

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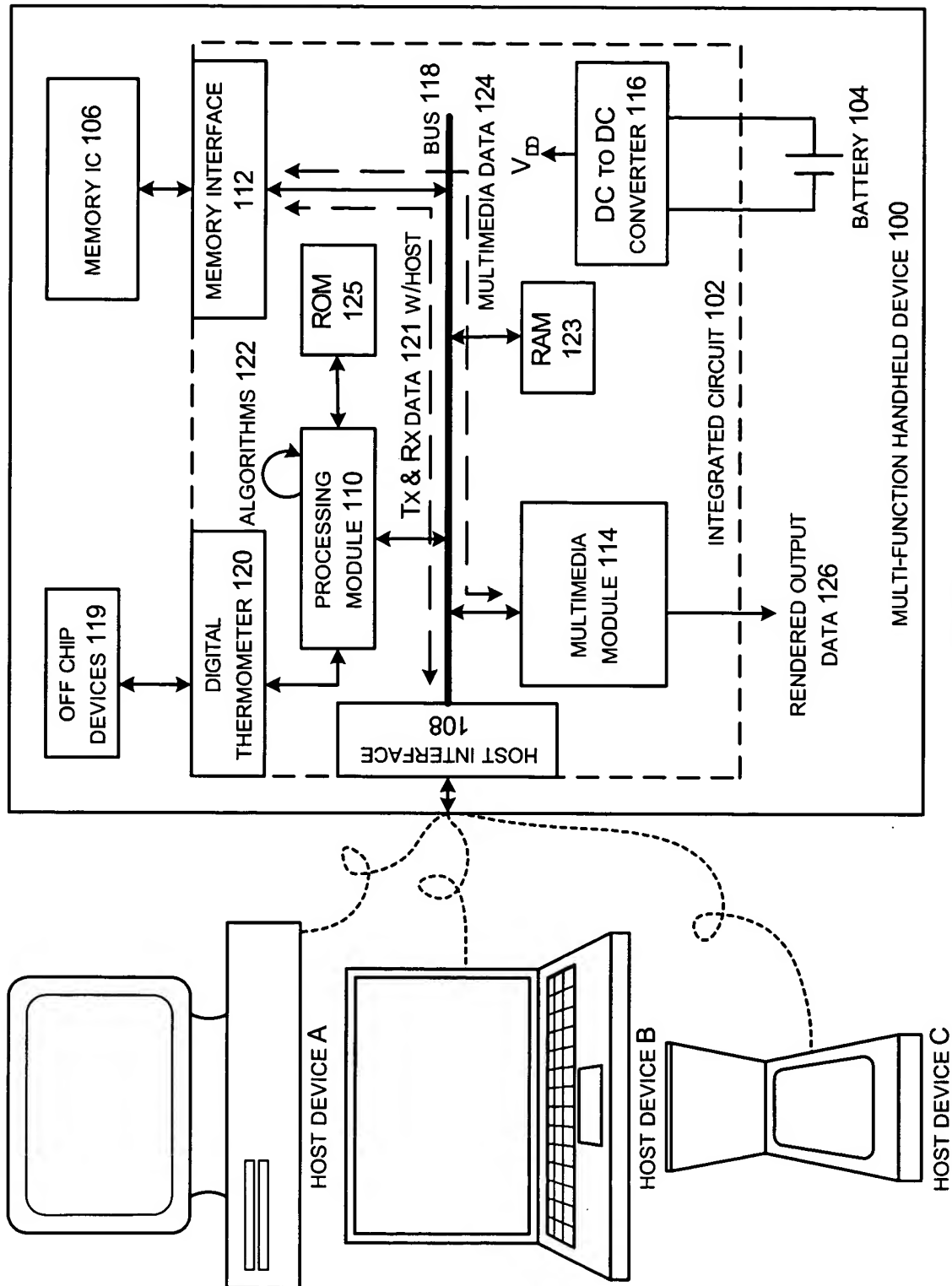


FIG. 2

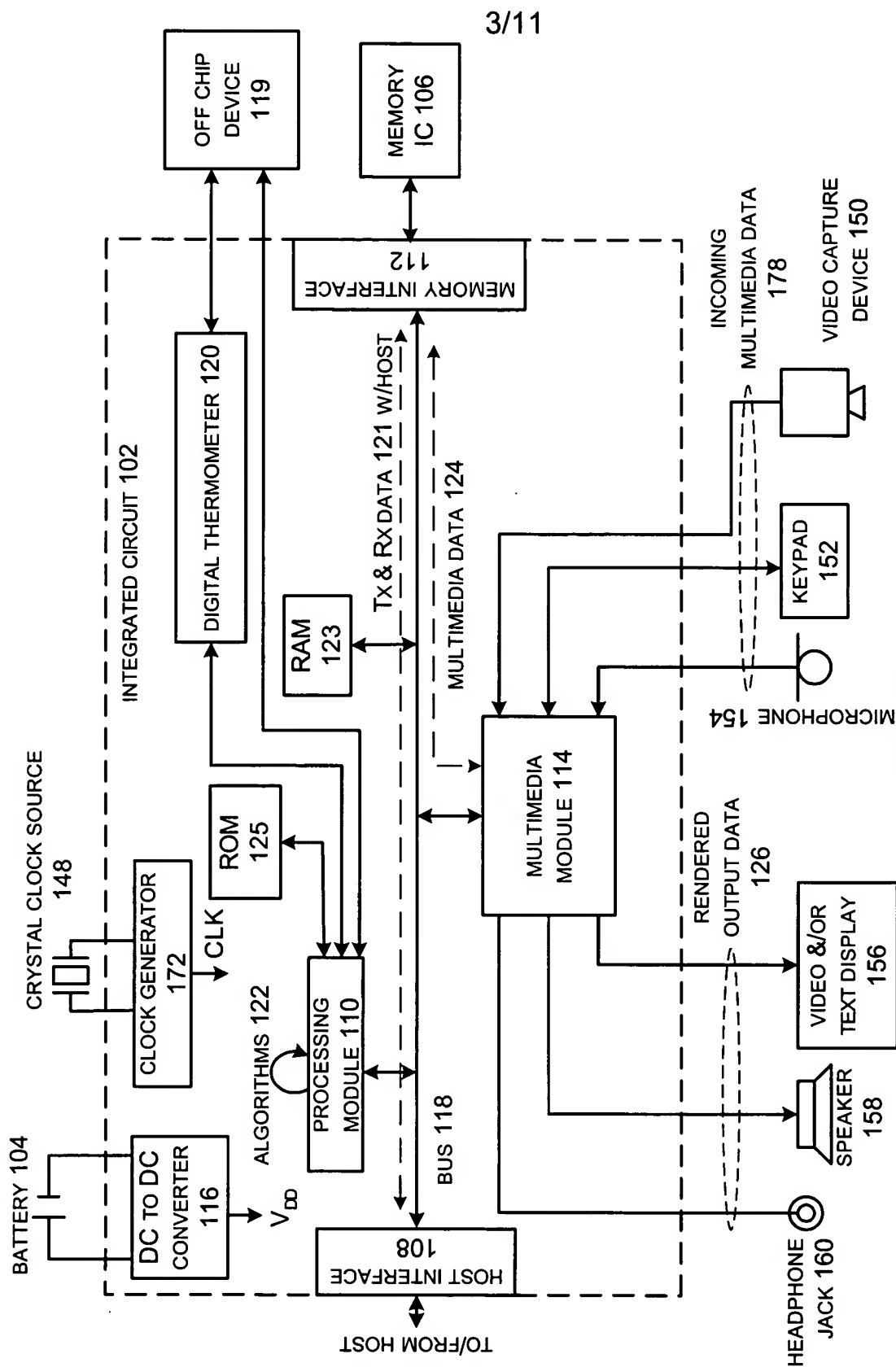


FIG. 3
MULTI-FUNCTION HANDHELD DEVICE 100

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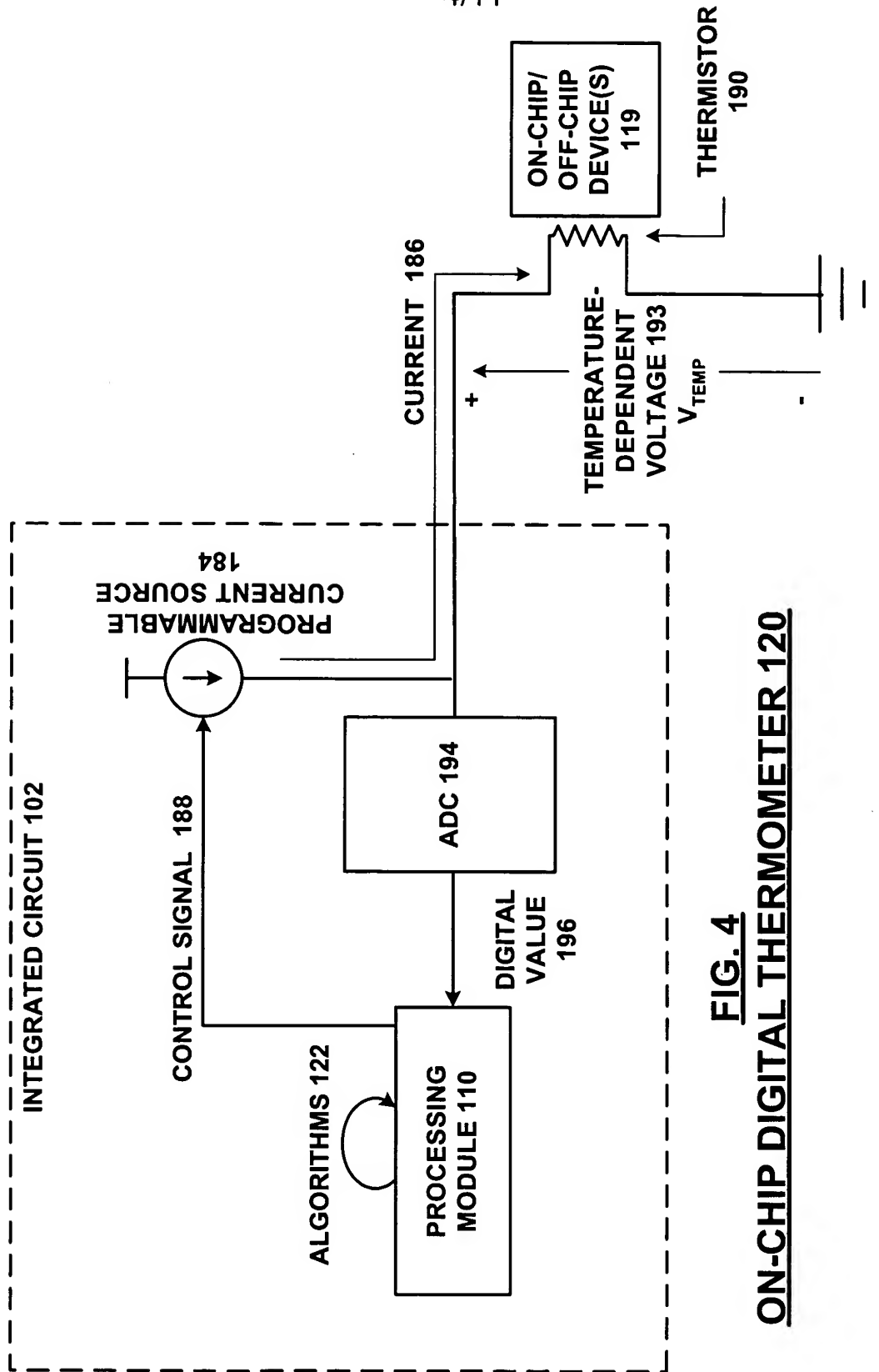


FIG. 4
ON-CHIP DIGITAL THERMOMETER 120

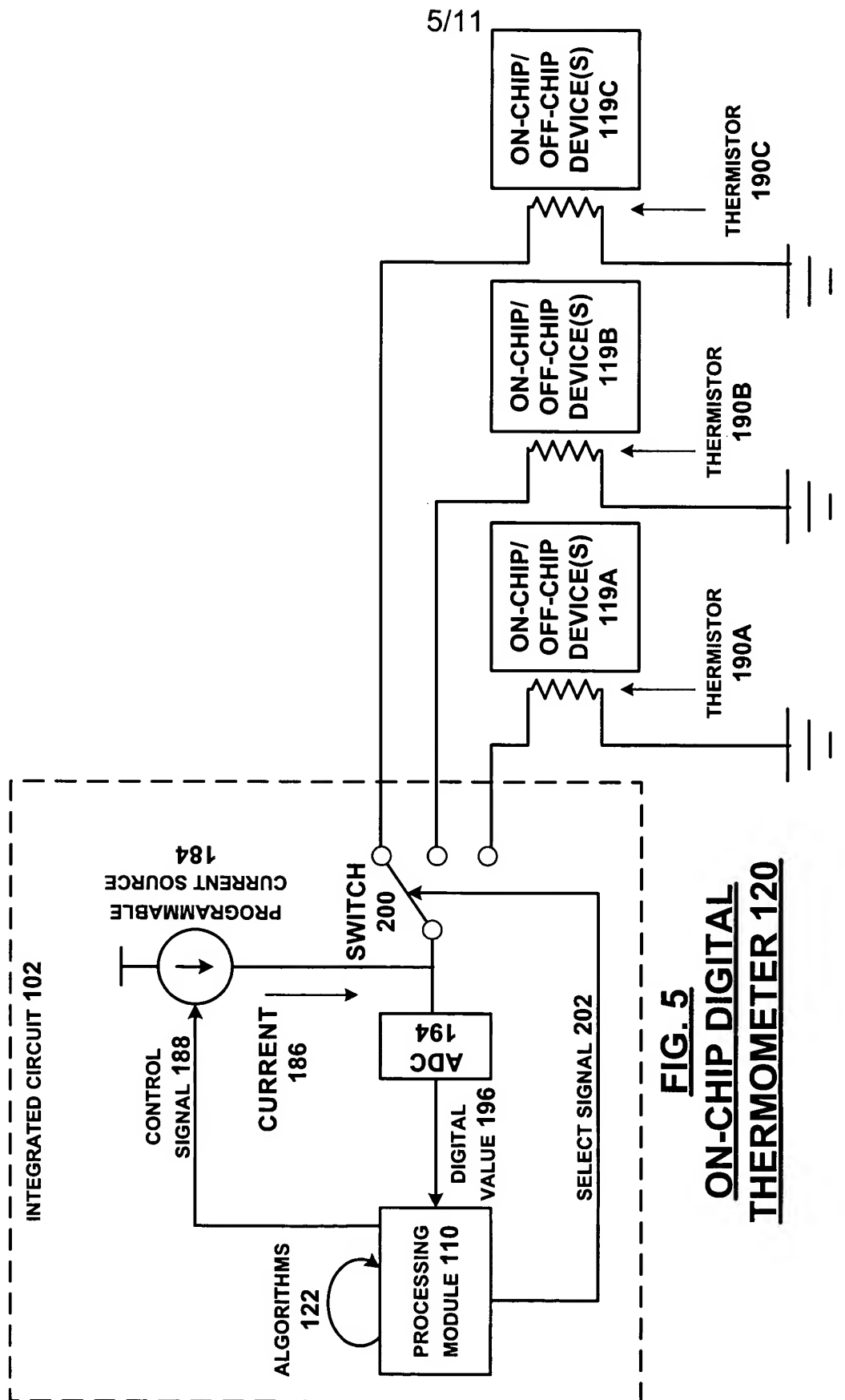


FIG. 5
ON-CHIP DIGITAL
THERMOMETER 120

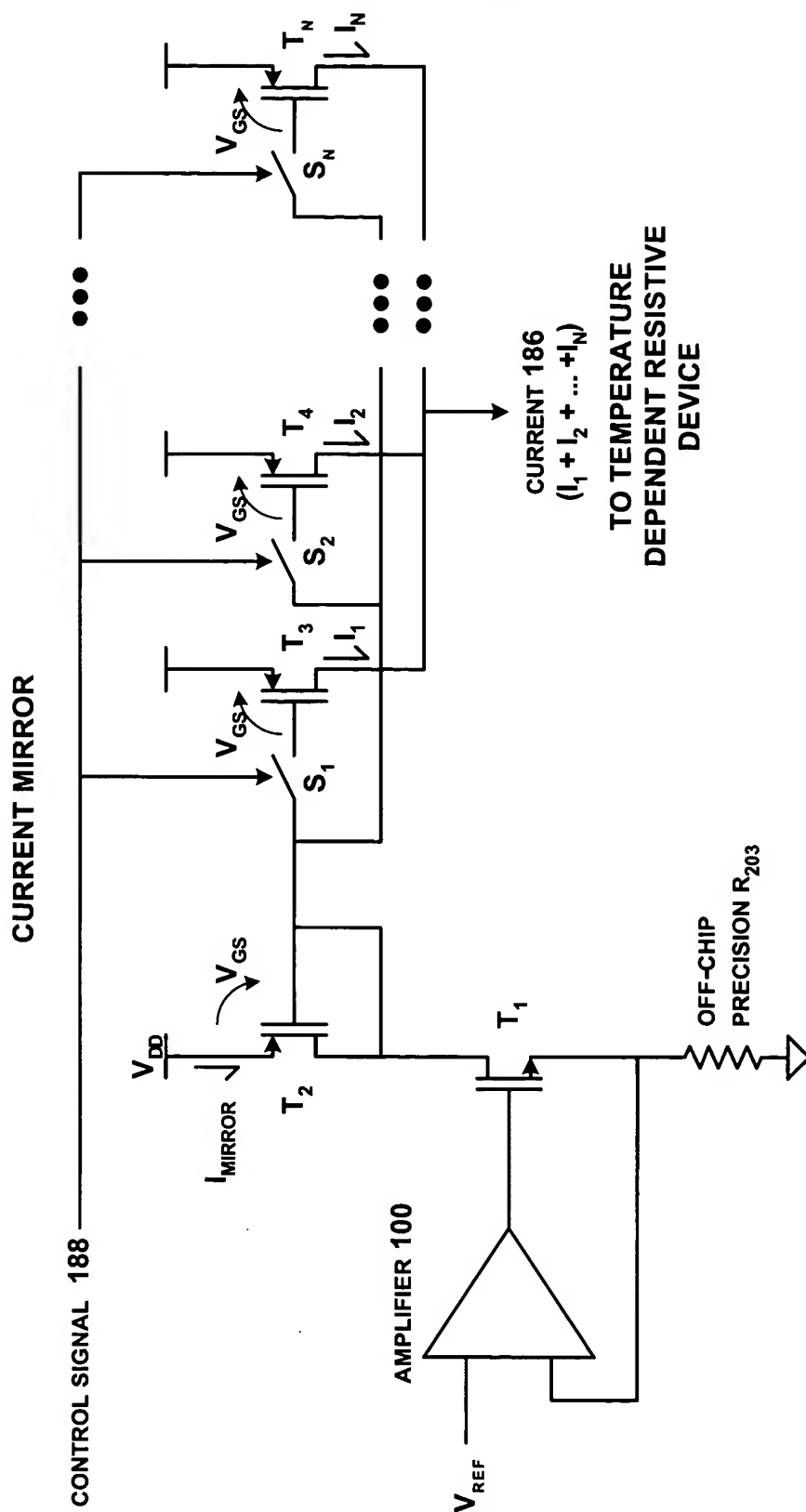
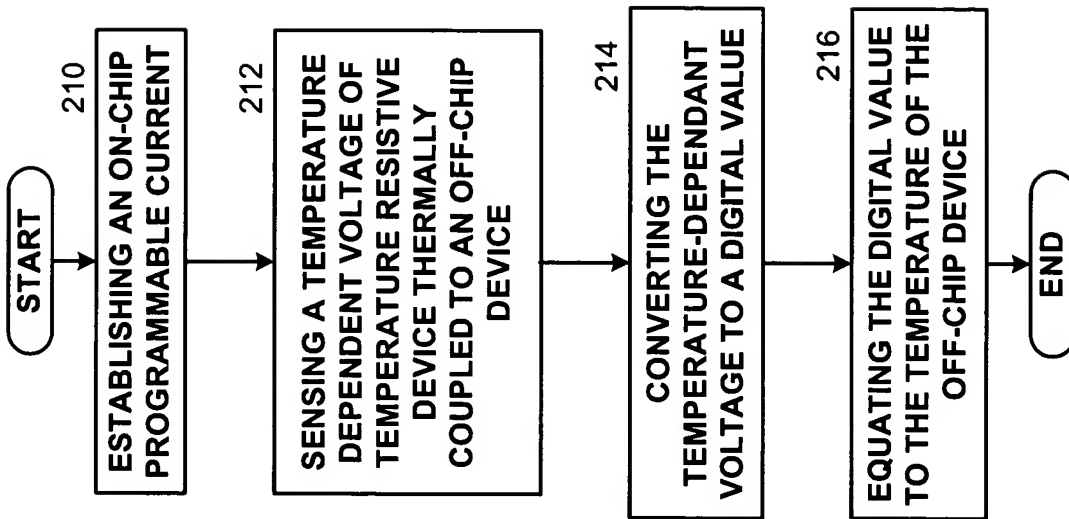


FIG. 6
PROGRAMMABLE CURRENT SOURCE 184

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**FIG. 7**

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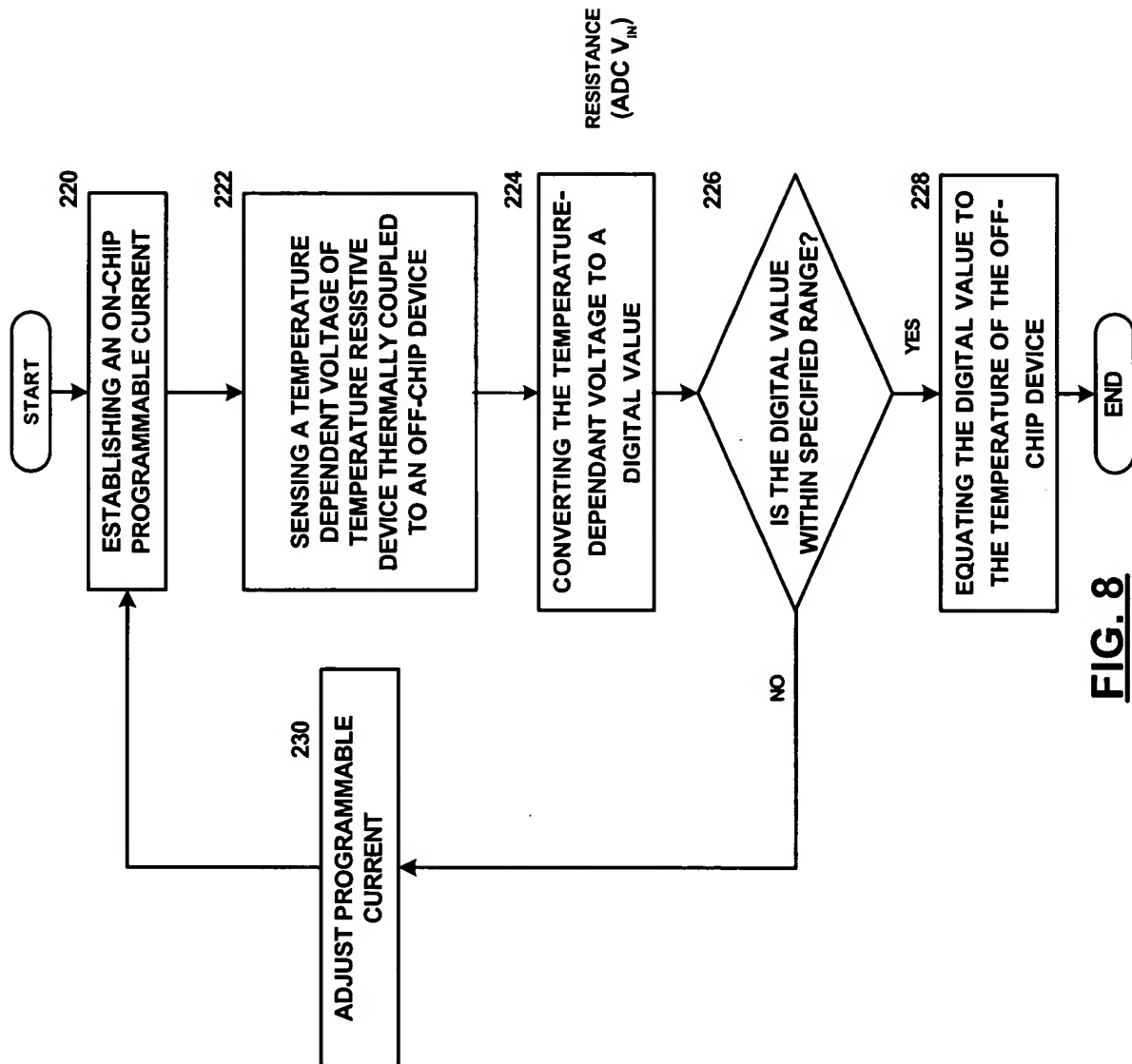
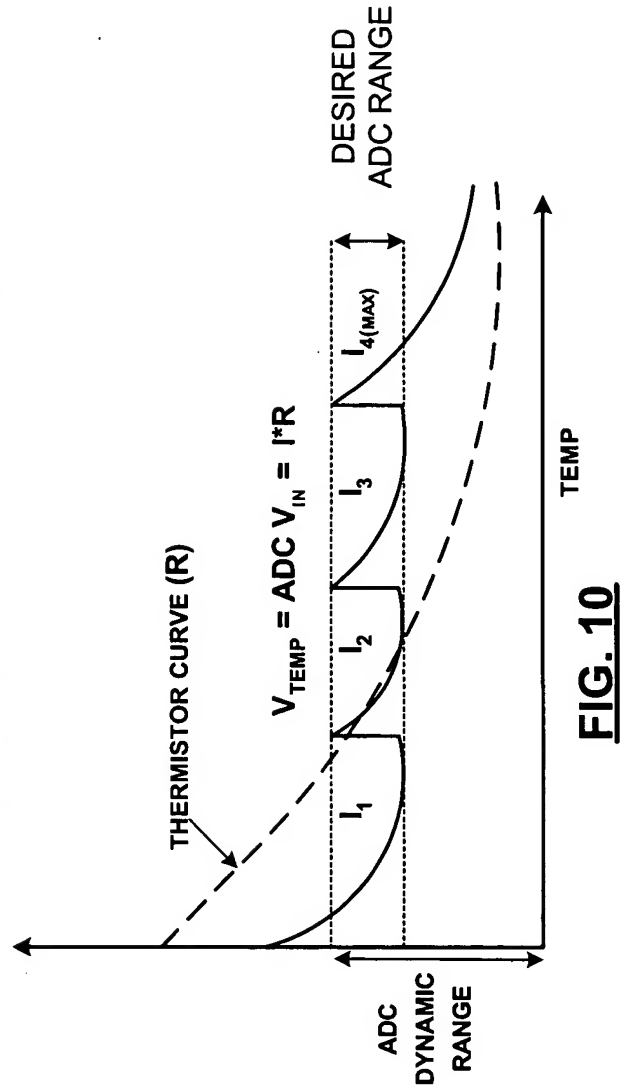
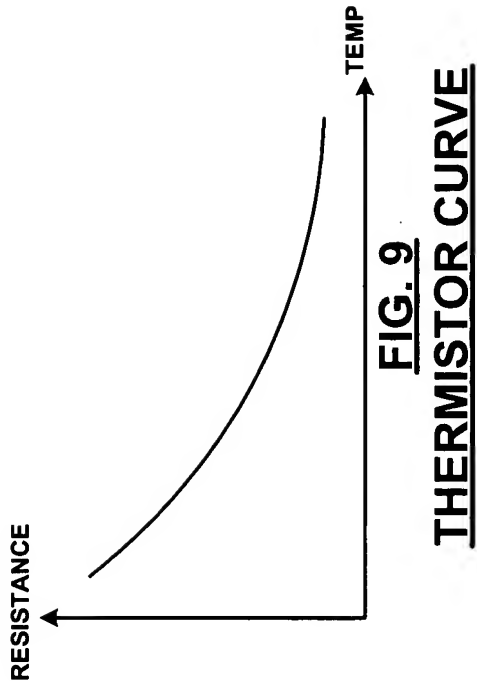


FIG. 8

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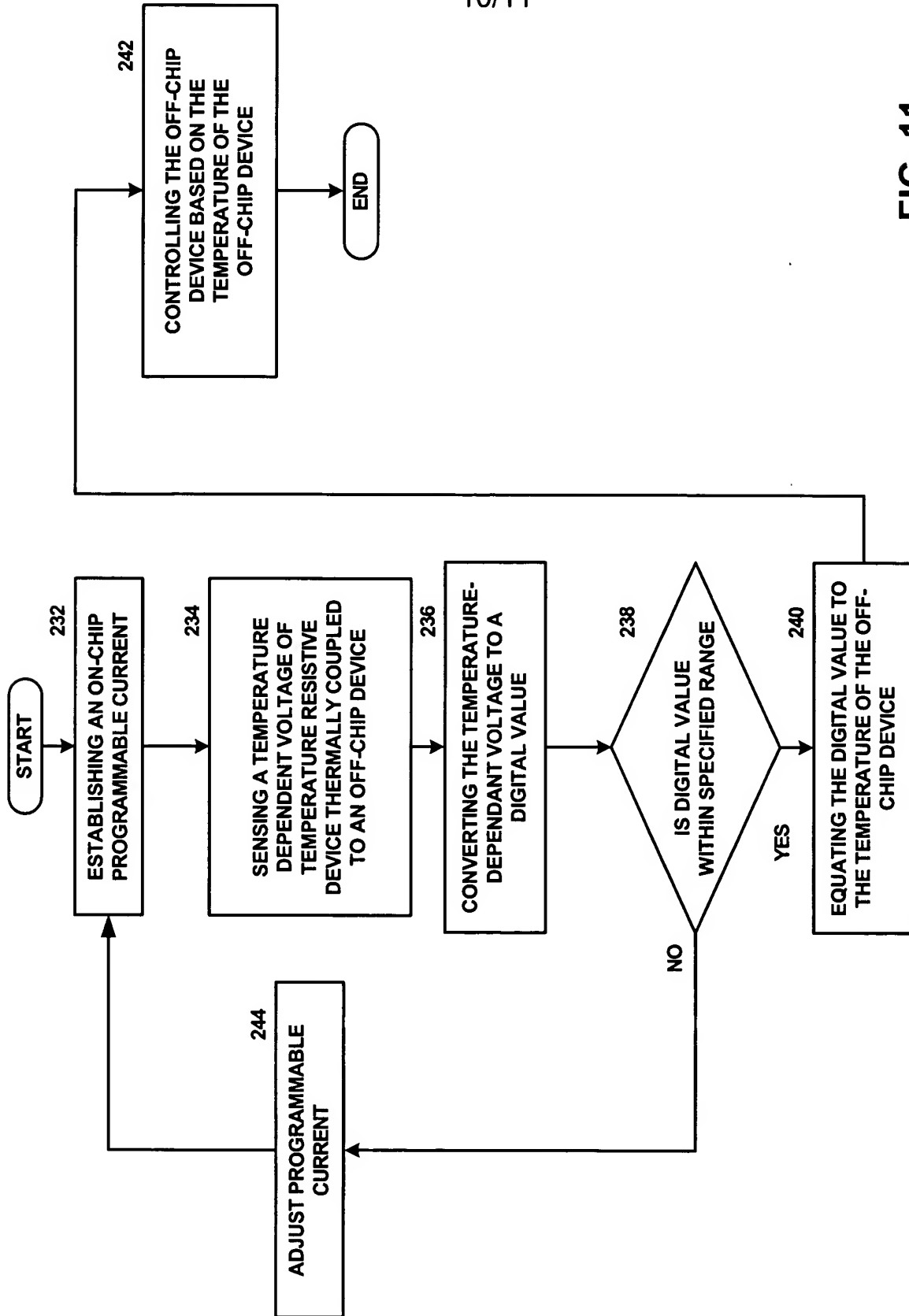


FIG. 11

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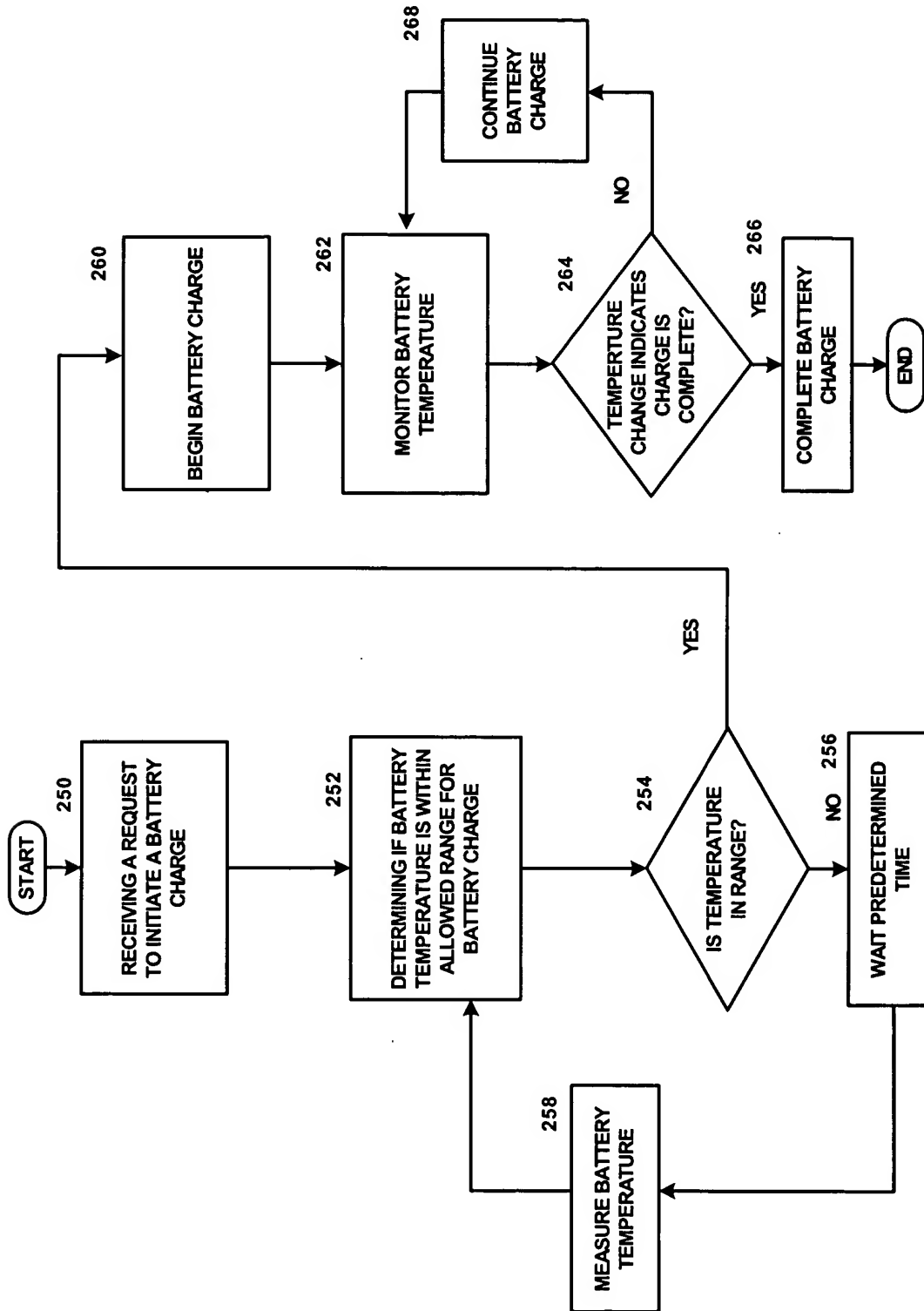


FIG. 12